

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/050046

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07D413/04 C07D413/06 C07D413/12 A61K31/4245

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/17652 A (BOEHRINGER INGELHEIM PHARMA KG; BOEHRINGER INGELHEIM INTERNATIONAL GMB) 30 April 1998 (1998-04-30) page 66, line 17 - page 67, line 1 claim 1	1-22
X	WO 01/12627 A (NPS PHARMACEUTICALS, INC; VAN WAGENEN, BRADFORD, C; STORMANN, THOMAS,) 22 February 2001 (2001-02-22) page 5, lines 19-22 figure 1 claim 1	1-22
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

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- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the International search report

21 April 2005

28/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/068417 A (NPS PHARMACEUTICALS, INC; SLASSI, ABDELMALIK; VAN WAGENEN, BRADFORD; S) 6 September 2002 (2002-09-06) page 33; compounds B66,B69,B71,B72,B73,B74 page 35; compound B111 page 36; compound B123 page 41; compounds B226,B182	1-22
X	US 6 239 160 B1 (TIEBES JOERG ET AL) 29 May 2001 (2001-05-29) table 1; compounds 156,337,370,388,394,433,442,481,495,542 table 2; compound 738 table 4; compounds 1127,1168	1-22
X	WILLIAMS J P ET AL: "A solution-phase combinatorial synthesis of selective dopamine D4 ligands" COMBINATORIAL CHEMISTRY AND HIGH THROUGHPUT SCREENING, HILVERSUM, NL, vol. 3, no. 1, February 2000 (2000-02), pages 43-50, XP002280990 ISSN: 1386-2073 page 46; compounds 9,10 page 47; table 1; compound 111	1-22
X	WO 00/24735 A (DOW AGROSCIENCES LLC) 4 May 2000 (2000-05-04) page 35; compound 109 page 36; compound 113	1-22
X	WO 00/35913 A (AVENTIS CROPSCIENCE GMBH) 22 June 2000 (2000-06-22) table 1; compounds 19,44,68,92,116,140,191,216,267,291,316 table 2; compounds 21,52,90,117,,147,173,198,223,249,300,350, 363 table 3; compounds 20,45,71,96,122,146,173,199,225,251,303,33 0 claim 1	1-22
A	WO 97/46556 A (MERCK & CO., INC; BIFTU, TESFAYE; FENG, DANQING; DENNIS; FISHER, MICHA) 11 December 1997 (1997-12-11) page 3, lines 13-23 claim 1	1-22
P,X	WO 2004/060362 A (MILLENNIUM PHARMACEUTICALS, INC; SCARBOROUGH, ROBERT, M; PANDEY, ANJAL) 22 July 2004 (2004-07-22) page 26; compounds I-61,I-62,I-63	1-22

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